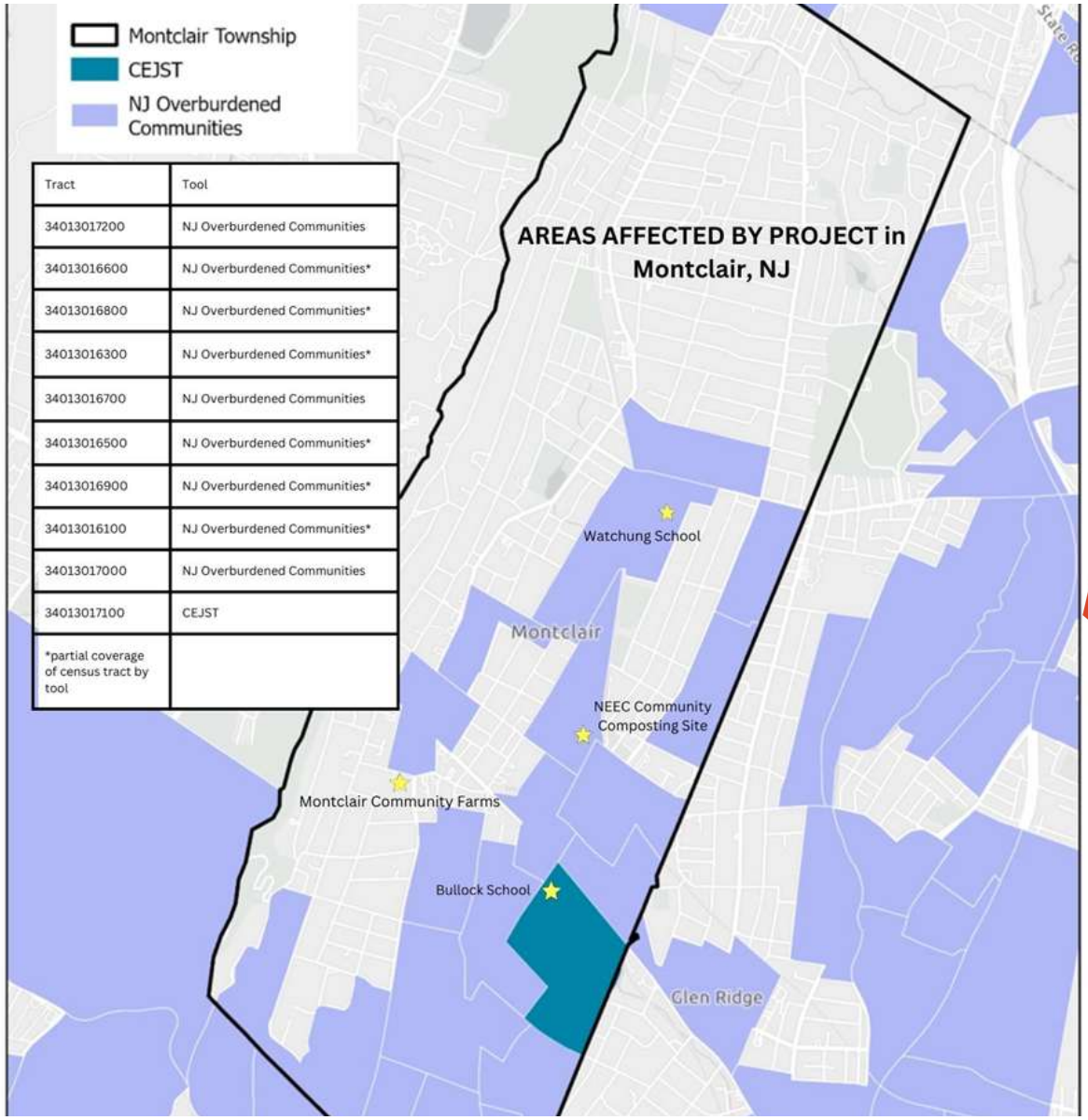
Benefits of In-Vessel Composting

- Reduces disposal and hauling costs by managing food waste where it is generated.
- Lowers transportation-related emissions by reducing the amount of organic waste requiring collection and transport.
- Reduces odors and pest issues associated with stored food waste.
- Diverts food waste from disposal and reduces associated greenhouse gas impacts.
- Closes the loop locally by converting food scraps into compost that can be returned to the soil.







Tract	Tool
34013017200	NJ Overburdened Communities
34013016600	NJ Overburdened Communities*
34013016800	NJ Overburdened Communities*
34013016300	NJ Overburdened Communities*
34013016700	NJ Overburdened Communities
34013016500	NJ Overburdened Communities*
34013016900	NJ Overburdened Communities*
34013016100	NJ Overburdened Communities*
34013017000	NJ Overburdened Communities
34013017100	CEJST
*partial coverage of census tract by tool	



LOCATIONS FOR COMMUNITY COMPOST SITES:



Montclair Community Farms	3rd Ward
Northeast Earth Coalition	4th Ward



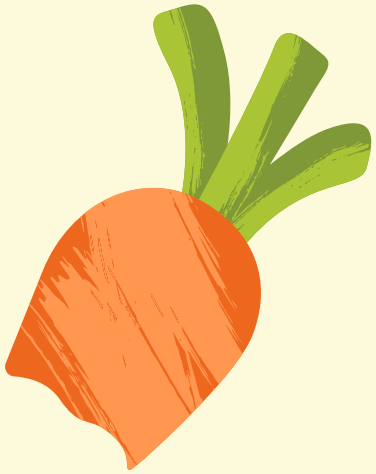
Regulatory Challenge: Permitting



Research, Development, and Demonstration (RD&D) permits for composting are specialized authorizations that allow facilities to test **new technologies, materials, or methods** before full-scale commercial permitting. These permits are often used to evaluate odor control, leachate management, and the processing of novel organic waste streams.



Montclair has applied for an RD&D permit and is awaiting NJDEP approval.





What Have We Learned?

In-vessel composting offers municipalities a decentralized alternative to hauling food waste for disposal.

Strengths: local processing • broader range of accepted food waste • reduced hauling • useful finished compost • addresses rodent issues • community engagement

Challenges: permitting • site requirements • staff/operational needs • contamination management • limited capacity per unit

Montclair's approach: demonstrate the model at multiple community sites and evaluate its potential for broader municipal use.

THANK YOU



Have A Great Day!

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